

We Claim:

1. A dishwasher for cleaning items during a cleaning program having sections, including rinsing and drying sections, and for conveying a rinsing liquid, the dishwasher comprising:

a housing defining a motor area;

at least one closed tubular heating body filled with a fluid; and

a gas burner for heating the rinsing liquid and for drying rinsed items, said gas burner:

being disposed in said motor area;

heating said heating body during the drying section; and

heating the rinsing liquid during a section of the program in which rinsing liquid is used.

2. The dishwasher according to claim 1, further comprising a frost-protection device protecting said heating body against frost when said fluid is a liquid.

3. The dishwasher according to claim 1, further comprising a means for protecting said heating body against frost when said fluid is a liquid.
4. The dishwasher according to claim 1, further comprising a pump fluidically connected to said heating body and circulating said fluid through said heating body.
5. The dishwasher according to claim 1, wherein said heating body is heated only during the drying section.
6. The dishwasher according to claim 1, wherein:
 - said housing has a side wall and a rear wall; and
 - said heating body is disposed in at least one of said side wall and said rear wall.
7. The dishwasher according to claim 6, wherein said heating body has a meandering shape.
8. The dishwasher according to claim 1, wherein said heating body has a meandering shape.
9. The dishwasher according to claim 6, wherein a section of said heating body extends as far as said motor area.

10. The dishwasher according to claim 1, wherein a section of said heating body extends as far as said motor area.

11. The dishwasher according to claim 9, further comprising:

a heat exchanger heated by said gas burner;

supply lines for supplying the rinsing liquid; and

said heating body and said supply lines being joined together in said heat exchanger.

12. The dishwasher according to claim 10, further comprising:

a heat exchanger heated by said gas burner;

supply lines for supplying the rinsing liquid; and

said heating body and said supply lines being joined together in said heat exchanger.

13. The dishwasher according to claim 1, further comprising:

a heat exchanger heated by said gas burner;

supply lines for supplying the rinsing liquid; and
said heating body and said supply lines being joined together
in said heat exchanger.

14. The dishwasher according to claim 1, further comprising:

pumps; and

an electrical power supply connected at least to said pumps
and said gas burner and supplying at least an amount of
electrical energy required for starting said gas burner, for
controlling said rinsing section of said program, for open-
loop and closed-loop control of said pumps, and for carrying
out said rinsing section.

15. The dishwasher according to claim 14, wherein said energy
supply is at least one rechargeable battery.

16. The dishwasher according to claim 15, wherein said
rechargeable battery is charged continuously.

17. The dishwasher according to claim 15, wherein said
rechargeable battery is charged continuously provided that
electrical power for charging is available from an external
power supply.

18. The dishwasher according to claim 15, wherein:

said rechargeable battery provides a signal dependent upon a state of charge of said rechargeable battery; and

said rinsing section does not start until said signal enables a start command from a user.

19. The dishwasher according to claim 15, wherein:

said rechargeable battery provides a signal dependent upon a state of charge of said rechargeable battery; and

said rinsing section does not start until said signal indicates a predefined state of said rechargeable battery.

20. A dishwasher for cleaning items, comprising:

a housing defining a motor area;

a controller disposed at said housing and being programmed to execute a cleaning program including at least a rinsing mode, in which a rinsing liquid is conveyed to the items, and a drying mode;

at least one closed tubular heating body filled with a fluid,
said heating body being disposed in said housing;

a gas burner disposed in said motor area in heat-conducting
contact with said heating body and being connected to said
controller and controlled thereby to heat the rinsing liquid
and to dry rinsed items; and

said controller programmed to:

control said gas burner to heat said heating body during
said drying mode; and

control said gas burner to heat the rinsing liquid during
a mode of said program in which the rinsing liquid is
used.